IN THE ABSTRACT

Please rewrite the abstract as shown below.

~~**INTEGRATED DIGITAL TEMPERATURE SENSOR**~~

Abstract

A digital integrated circuit temperature sensor ~~comprising~~ including an analog-to-digital converter providing a binary word representative of a temperature internal to the integrated circuit, and a circuit for providing an analog voltage representative of the circuit temperature and for generating a reference voltage for the analog-to-digital converter. The present invention especially applies to the testing of integrated circuits and to the control of their frequency and/or of their operating temperature according to their internal temperature.